



EXPRESS MAIL NO. EV336617535US

Sheet 1 of 4

FORM PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
130209.508APPLICATION NO.
10/658,804INFORMATION DISCLOSURE STATEMENT
(Use several sheets if necessary)

APPLICANTS

Sayeed Ahmed et al.

FILING DATE

September 9, 2003

GROUP ART UNIT

2838

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|----------------------|----|-----------------|----------|-------------------|-------|----------|-------------------------------|
| GL | AA | 4,142,231 | 02/27/79 | Wilson et al. | 363 | 141 | |
| GL | AB | 4,224,663 | 09/23/80 | Maiese et al. | 363 | 144 | |
| GL | AC | 4,458,305 | 07/03/84 | Buckle et al. | 363 | 141 | |
| GL | AD | 4,661,897 | 04/28/87 | Pitel | 363 | 17 | |
| GL | AE | 4,674,024 | 06/16/87 | Paice et al. | 363 | 71 | |
| GL | AF | 5,184,291 | 02/02/93 | Crowe et al. | 363 | 37 | |
| GL | AG | 5,172,310 | 12/15/92 | Deam et al. | 363 | 144 | |
| GL | AH | 5,230,632 | 07/27/93 | Baumberger et al. | 439 | 66 | |
| GL | AI | 5,243,757 | 09/14/93 | Grabbe et al. | 29 | 882 | |
| GL | AJ | 5,264,761 | 11/23/93 | Johnson | 315 | 291 | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | TRANSLATION | |
|--|----|-----------------|----------|----------------------------|-------------|----|
| | | | | | YES | NO |
| | AK | 0 427 143 A2 | 05/15/91 | DE (+ Abstract in English) | | |
| | AL | 0 578 108 A1 | 01/12/94 | EP | | |
| | AM | 195 19 538 A1 | 11/28/96 | DE (+ Abstract in English) | | |
| | AN | 9-117126 | 05/02/97 | JP (+ Abstract in English) | | |
| | AO | | | | | |

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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| GL | AP | Ghali, F., et al., "Dynamic Analysis of Hybrid Wind/Diesel System with Three-Level Inverter," <i>IEEE, PCC-Osaka 2002</i> , pp. 727-732, 2002. |
| GL | AQ | Kim, T.-J., et al., "The Analysis of Conduction and Switching Losses in Multi-Level Inverter System," <i>IEEE</i> , pp. 1363-1368, 2001. |
| GL | AR | Mohan et al., <i>Power Electronics: Converters, Applications and Designs</i> , John Wiley & Sons Inc., USA, 1989, Chapter 26-8, "Circuit Layout," p. 654. |

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|----------------------|----|-----------------|----------|----------------|-------|----------|-------------------------------|
| GL | BA | 5,395,252 | 03/07/95 | White | 439 | 66 | |
| GL | BB | 5,422,440 | 06/06/95 | Palma | 174 | 133 B | |
| GL | BC | 5,439,398 | 08/08/95 | Testa et al. | 439 | 801 | |
| GL | BD | 5,445,526 | 08/29/95 | Hoshino et al. | 439 | 69 | |
| GL | BE | 5,459,356 | 10/17/95 | Schulze et al. | 257 | 773 | |
| GL | BF | 5,508,560 | 04/16/96 | Koehler et al. | 257 | 730 | |
| GL | BG | 5,537,074 | 07/16/96 | Iversen et al. | 327 | 564 | |
| GL | BH | 5,559,374 | 09/24/96 | Ohta et al. | 257 | 723 | |
| GL | BI | 5,635,751 | 06/03/97 | Ikeda et al. | 257 | 584 | |
| GL | BJ | 5,653,598 | 08/05/97 | Grabbe | 439 | 66 | |

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| GL | BL | Newton, C., et al., "Neutral Point Control for Multi-Level Inverters: Theory, Design and Operational Limitations," <i>IEEE Industrial Applications Society Annual Meeting</i> , New Orleans, LA, October 5-9, 1997, pp. 1336-1343. |
| GL | BM | Persson, E., "Power Electronic Design and Layout Techniques for Improved Performance and Reduced EMI," in <i>Proceedings of Power Electronics in Transportation, IEEE</i> , Dearborn, Michigan, October 20-21, 1994, pp. 79-82. |
| GL | BN | Ratnayake, K., et al., "Novel Carrier PWM Scheme to Control Neutral Point Voltage Fluctuations in Three-Level Voltage Source Inverter," <i>IEEE Intl. Conf. on Power Electronics and Drive Systems</i> , PEDS '99, July 1999, Hong Kong, pp. 663-667. |
| GL | BO | Seo, J., et al., "A New Simplified Space-Vector PWM Method for Three-Level Inverters," <i>IEEE Transactions on Power Electronics</i> 16(4):545-550, July 2001. |

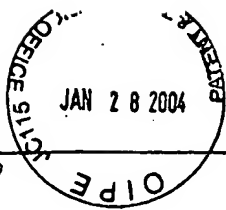
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|----------------------|----|-----------------|----------|-------------------|-------|----------|-------------------------------|
| GL | CA | 5,756,935 | 05/26/98 | Balanovsky et al. | 174 | 52.1 | |
| GL | CB | 5,847,951 | 12/08/98 | Brown et al. | 363 | 147 | |
| GL | CC | 5,938,451 | 08/17/99 | Rathburn | 439 | 66 | |
| GL | CD | 5,975,914 | 11/02/99 | Uchida | 439 | 66 | |
| GL | CE | 6,054,765 | 04/25/00 | Eytcheson et al. | 257 | 724 | |
| GL | CF | 6,072,707 | 06/06/00 | Hochgraf | 363 | 71 | |
| GL | CG | 6,078,173 | 06/20/00 | Kumar et al. | 324 | 158.1 | |
| GL | CH | 6,078,501 | 06/20/00 | Catrambone et al. | 361 | 704 | |
| GL | CI | 6,166,937 | 12/26/00 | Yamamura et al. | 363 | 141 | |
| GL | CJ | 6,176,707 | 01/23/01 | Neidich et al. | 439 | 66 | |
| GL | CK | 6,212,087 | 04/03/01 | Grant et al. | 363 | 144 | |
| GL | CL | 6,292,371 | 09/18/01 | Toner, Jr. | 361 | 752 | |
| GL | CM | 6,434,008 | 08/13/02 | Yamada et al. | 361 | 728 | |
| GL | CN | 6,603,672 | 08/05/03 | Deng et al. | 363 | 37 | |

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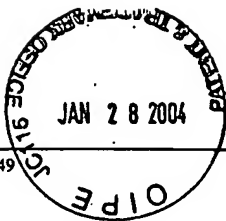
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| GL | DA | 2002/0034088 | 03/21/02 | Parkhill et al. | 363 | 144 | |
| GL | DB | 2002/0126465 | 09/12/02 | Maly et al. | 361 | 818 | |
| GL | DC | 2002/0111050 | 08/15/02 | Parkhill et al. | 439 | 65 | |
| GL | DD | 2002/0118560 | 08/29/02 | Ahmed et al. | 363 | 144 | |
| GL | DE | 2002/0167828 | 11/14/02 | Parkhill et al. | 363 | 144 | |
| GL | DF | 10/642,424 | | Ahmed et al. | | | 08/14/03 |
| GL | DG | 60/233,992 | | Parkhill et al. | | | 09/20/00 |
| GL | DH | 60/233,993 | | Ahmed | | | 09/20/00 |
| GL | DI | 60/233,994 | | Maly et al. | | | 09/20/00 |
| GL | DJ | 60/233,995 | | Maly et al. | | | 09/20/00 |
| GL | DK | 60/233,996 | | Parkhill et al. | | | 09/20/00 |
| GL | DL | 60/471,387 | | Flett et al. | | | 05/16/03 |
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